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AUG 10 2006

Serial No. 09/502,882

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Patent Application**

**Inventors:** Dhrutiman Banerjee  
Giorgio Giaretta  
Anthony L. Lentine  
Ted K. Woodward

**Case:** 1-3-23-17

**Serial No.:** 09/502,882      **Group Art Unit**      2667

**Filed:** February 11, 2000

**Examiner:** Thai D. Hoang

**Title:** Propagation and Detection of Faults in a Multiplexed  
Communication System

**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**SIR:**

**AMENDMENT AFTER FINAL OFFICE ACTION**

This response is being filed in response to the Final Office Action dated July 26, 2004. Please amend the above-identified U.S. patent application as follows: